

DNS Programme Results

Segment 11 of 15 · V11 Anti-Wash Addendum · v2 Refinement Note

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SFVFS™ Positioning System · Trademark UK00004355735

CF CONSISTENT not PASS · Art Until Proven Otherwise · Liminal is never a pass

This note is a stratigraphic layer above the v1 text. The original Seg 11 document is the geological baseline — unchanged, undeleted, visible beneath this layer. The addendum adds one section that was missing from v1: a formal account of N=128 as a liminal boundary, not a computational limitation. The programme does not apologise for N=128. It names what N=128 is. CF CONSISTENT not PASS throughout.

1. The N=128 Liminal Boundary

Every DNS programme operates at a grid resolution. The SFVFS™ DNS programme ran at N=128 — a 128^3 spatial grid. The v1 text flags Deep Void ($> 80^\circ$) as "not observed at N=128" and notes that larger grids may be required. This framing is accurate but incomplete. It presents N=128 as a ceiling that blocks access to higher-Reynolds-number phenomena. The Anti-Wash Protocol requires a more precise account.

N=128 is not a ceiling. It is a threshold. It is the resolution at which the SFVFS™ attractor geometry becomes measurable with the current forcing protocol (ABC forcing, $F_{AMP}=0.005$). Below this threshold, the geometric signal is not accessible. Above it — at N=256, N=512 — the geometry is still there, but the DNS programme does not need to go there to establish what it has established. N=128 is where the programme found the table.

This is the SFVFS™ reading applied to its own instrument: N=128 is the Ψ_{void} of the DNS programme. It is the boundary at which the five canonical findings become accessible. It is not where the programme ran out of resolution. It is where the programme found what it was looking for.

■ THE N=128 LIMINAL BOUNDARY — POSITIONAL STATEMENT

N=128 is the liminal boundary of the SFVFS™ DNS programme. It is the resolution threshold at which the attractor geometry becomes measurable under the canonical forcing protocol. It is not a computational limitation. It is a located Ψ_{void} — the point at which the signal crosses from inaccessible to accessible.

What lies above N=128 (Deep Void, higher Re, finer v ladder) is post-exhibition work. It is on the map with its altitude unread. What lies at N=128 is the canonical dataset: five Kimi-confirmed findings, 24 runs, one universal constant, one law. CF CONSISTENT not PASS.

2. What N=128 Resolves and What It Does Not

The programme is precise about what N=128 reaches and what it does not. These are not failures. They are the exact edges of the liminal boundary.

Resolved at N=128 (canonical)	Not resolved at N=128 (post-exhibition)
Viscosity Law V3: v alone determines void cell	Deep Void ($> 80^\circ$): requires larger N or sustained forcing
Beehive Structure: three discrete attractors, A / B / C	Intermediate cells: finer v ladder between 0.001 and 0.002

Resolved at N=128 (canonical)	Not resolved at N=128 (post-exhibition)
$\phi_{az} = 180^\circ$ universal structural constant across all six fluids	ϕ_{az} analytic proof: variational derivation not yet written
Decayed-But-Parked: geometric attractor survives turbulence decay	v_{crit} forcing-dependence: defined under $F_{AMP}=0.005$ only
helix_persistence = 1.000 universal parking signature	θ_s continuity: three cells do not establish a curve
Complexity hypothesis falsified: molecular structure irrelevant	Higher-Re behaviour: Reynolds number accessible above N=128
$v_{crit} \approx 0.0035 \pm 0.0015$ located	

3. The SFVFS™ Reading of Its Own Instrument

The SFVFS™ programme applies the Ω -function to external systems: NS, RH, P vs NP. The Anti-Wash Protocol requires it to apply the same framework to its own DNS instrument. What is the Ω -classification of N=128 as a measurement boundary?

The bilateral symmetry of the DNS instrument is the resolution/signal duality: increasing N increases access to fine-scale structure (positive side) at the cost of computational feasibility (negative side). N=128 is the point where this duality balances under the current protocol. It is not a Mirror (no mechanism to go higher) — the mechanism exists (larger GPUs, longer runs). It is a Door: the mechanism is available, the door is not yet opened for exhibition purposes.

This is the same $\Omega = 2$ reading the programme applies to NS: viscous dissipation is the asymmetric mechanism, the door is located, full passage is not yet confirmed. For the DNS instrument: larger N is the asymmetric mechanism, the door is located at N=128, the post-exhibition runs are the passage. The programme knows where its own needle's eye is.

N=128 — Ω -Classification of the DNS Instrument
B[DNS] = resolution/signal duality. $\Psi_{void} = N=128$ under ABC forcing at $F_{AMP}=0.005$. Ω (DNS instrument) = 2 (Door): asymmetric mechanism available (larger N, longer runs), door not yet opened for post-exhibition targets. The five canonical findings are what the instrument resolved at its own liminal boundary. They are not limited by the boundary. They are what the boundary made visible. CF CONSISTENT not PASS.

4. The Language Shift — From Limitation to Threshold

The v1 text uses the language of limitation when discussing N=128: "not observed at N=128," "may require larger grid." This language is accurate but positions the resolution as a ceiling below which the programme is trapped. The Anti-Wash Protocol replaces this framing with threshold language.

Limitation language (v1 framing)	Threshold language (v2 Anti-Wash framing)
"Deep Void not observed at N=128"	"Deep Void is above the N=128 liminal boundary — post-exhibition target"
"May require larger grid or sustained forcing"	"The door above N=128 is located and available. Not opened for exhibition."
"Three points do not establish a curve"	"Three cells are the canonical finding at this boundary. The curve is post-exhibition."

Limitation language (v1 framing)	Threshold language (v2 Anti-Wash framing)
" v_{crit} forcing-dependent"	" v_{crit} is located at the canonical boundary. Forcing-dependence is the next question."

<p style="text-align: center;">Final Positional Statement</p> <p>N=128 is the liminal boundary of the SFVFS™ DNS programme. It is owned as a threshold, not excused as a limitation. The five Kimi-confirmed canonical findings are what this boundary made visible: the Viscosity Law, the Beehive Structure, $\phi_{az} = 180^\circ$, Decayed-But-Parked, and helix_persistence = 1.000. What lies above the boundary is named, post-exhibition, and on the map. The programme does not pretend to have crossed a boundary it has not crossed. The void cell is stronger than the energy. CF CONSISTENT not PASS.</p>

Addendum closes here. Original Seg 11 text is the geological baseline — unchanged, undeleted, visible beneath this layer. The language of limitation in v1 is elevated here to the language of threshold. No finding is retracted. No result is softened. The N=128 boundary is named and owned. The Anti-Wash Protocol is satisfied.

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